

**Baccalauréat universitaire ès Sciences en biologie**  
**- 3e année -**  
**Printemps 2022**

**The Dynamic Cell**

Responsible : S. Gruber

TEACHING	RESPONSIBLE	COURSES ROOM	EX/PW ROOM	HOURS
Bacterial Cell Cycle Regulation	Collier J.	POL/334		8 C
Cell Cycle Control of Genome Duplication and Segregation	Gruber S.	POL/334	POL/205	6 C + 16 TP
Cell Division: When, Where, How?	Martin S.	POL/334	POL/203	6 C + 16 TP
Cell Division in Bacteria	Jacquier N.	POL/334	Bugnon - IMUL	4 C + 16 TP
Cellular Senescence and Aging	Ocampo Méndez A.	POL/334		4 C
Chloroplast Origin, Division and Dynamics	Fankhauser C.	POL/334		4 C
Cilia: Cellular Antennae - Structure, Function, Evolution and Disease	Benton R.	POL/334		5 C
Dynamics and Organisation of the Plasma Membrane	Geldner N.	POL/334		8 C
Evolution of the Eukaryotic Cell	Fasshauer D.	POL/334	Bugnon - DBC	8 C + 16 TP
Homeostasis of Proteins and Lipids in Intracellular Compartments	Mayer A.	POL/334	Epalinges, Biochemistry	4 C + 16 TP
Scientific Writing	Gruber S.	POL/334		1 C
Critical Reading of Scientific Literature	Martin S., Gruber S., Geldner N., Benton R., Fasshauer D., Jacquier N.		POL/334, 359 In addition on 11-12 April 22 : POL/459, 336, CUB/II	7 S

Note on the Practical Work (PW): students are required to attend only 2 of the 3 proposed blocs.

**WEEK 5: 21.03 to 25.03**

	mo 21	tu 22	we 23	th 24	fr 25	
8H			POL/334 ↓	Collier	Optional Courses	
10H			Introduction / PW organisation	Mayer		
12H			Gruber			
14H				Martin		Martin
16H						
18H						

**WEEK 6: 28.03 to 01.04**

	mo 28	tu 29	we 30	th 31	fr 01
8H	Gruber		PW bloc 1	PW bloc 1	Optional Courses
10H	Martin	Collier			
12H					
14H	Gruber	Mayer	PW bloc 1	PW bloc 1	
16H		Gruber			
18H	Session MSc MB (Epalinges B301)				

**WEEK 7: 04.04 to 08.04**

	mo 04	tu 05	we 06	th 07	fr 08
8H	Benton	Fasshauer	PW bloc 2	PW bloc 2	Optional Courses
10H		Benton			
12H					
14H	Fasshauer	Geldner	PW bloc 2	PW bloc 2	
16H	Geldner				
18H					

**WEEK 8: 11.04 to 15.04**

	mo 11	tu 12	we 13	th 14	fr 15
8H	Geldner	Geldner	PW bloc 3	PW bloc 3	Easter Holidays
10H	Literature	Literature			
12H					
14H	Fasshauer	Fasshauer	PW bloc 3	PW bloc 3	
16H	Ocampo Méndez	Jacquier			
18H					

**EASTER HOLIDAYS 2021 : FROM APRIL 15 TO APRIL 22, 2022**

**WEEK 9: 25.04 to 29.04**

	mo 25	tu 26	we 27	th 28	fr 29
8H		Fankhauser			Optional Courses
10H	Personal time for PW	Jacquier	Collier	Collier	
12H					
14H	Personal time for literature	Ocampo Méndez	Fankhauser		
16H					
18H					

⚠ Due to experimental, weather and/or transportation contingencies, TP schedules may be adapted during the semester